

What is claimed is:

1. An engine cooling assembly comprising:
 - an electric motor,
 - a fan driven by the electric motor,
 - a shroud at least partially surrounding the fan,
 - first, resilient decoupling structure mounting the motor to the shroud in a manner to isolate between the motor and the shroud, and
 - second, flexible decoupling structure associated with the shroud and constructed and arranged to mount the shroud to the shroud mounting structure in a manner to isolate vibration between the shroud and the shroud mounting structure, when the shroud is mounted to the shroud mounting structure.
2. The assembly of claim 1, wherein the shroud includes support structure, the motor being mounted to the support structure with at least a portion of the first decoupling structure being provided between the support structure and the motor.
3. The assembly of claim 2, wherein the first decoupling structure includes a plurality of mounts.
4. The assembly of claim 3, wherein each mount includes an elastomeric grommet receiving a portion of the motor and secured to the support structure via a fastener.
5. The assembly of claim 1, wherein the second decoupling structure includes a plurality of mounts.
6. The assembly of claim 5, wherein each mount includes an elastomeric grommet receiving a portion of the shroud.

7. The assembly of claim 1, in combination with the shroud mounting structure, with at least a portion of the second decoupling structure being provided between the shroud and the shroud mounting structure.

8. An engine cooling assembly comprising:

an electric motor,

a fan driven by the electric motor,

a shroud at least partially surrounding the fan,

first, resilient means for mounting the motor to the shroud in a manner to isolate vibration between the motor and the shroud, and

second, flexible means for mounting the shroud to the shroud mounting structure in a manner to isolate vibration between the shroud and the shroud mounting structure, when the shroud is coupled to the shroud mounting structure.

9. The assembly of claim 8, wherein the shroud includes support structure, the motor being mounted to the support structure with at least a portion of the first means for mounting being provided between the support structure and the motor.

10. The assembly of claim 9, wherein the first means for mounting includes a plurality of mounts.

11. The assembly of claim 10, wherein each mount includes an elastomeric grommet receiving a portion of the motor and secured to the support structure via a fastener.

12. The assembly of claim 8, wherein the second means for mounting includes a plurality of mounts.

13. The assembly of claim 12, wherein each mount includes an elastomeric grommet receiving a portion of the shroud.

14. The assembly of claim 8, in combination with the shroud mounting structure, with at least a portion of the second means for mounting being provided between the shroud and the shroud mounting structure.

15. An engine cooling assembly comprising:

an electric motor,

a fan driven by the electric motor,

a shroud at least partially surrounding the fan,

first, elastomeric decoupling structure mounting the motor to the shroud in a manner to isolate vibration between the motor and the shroud, and

second, elastomeric decoupling structure associated with the shroud and constructed and arranged to mount the shroud to the shroud mounting structure in a manner to isolate vibration between the shroud and the shroud mounting structure, when the shroud is mounted to the shroud mounting structure.

16. The assembly of claim 15, wherein said first elastomeric decoupling structure includes a plurality of grommets receiving a portion of the shroud.

17. The assembly of claim 15, wherein said second elastomeric decoupling structure includes a plurality of grommets receiving a portion of the shroud.

18. A method of mounting an electric motor to a shroud and the shroud to a shroud mounting structure, the method including

providing a first, resilient decoupling structure mounting the motor to the shroud in a manner to isolate vibration between the motor and the shroud, and

providing a second, flexible decoupling structure mounting the shroud to the shroud mounting structure in a manner to isolate vibration between the shroud and the shroud mounting structure.